BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : Providing GYM Equipment of DEO marvels in ward no-03

DETAILED MEASURMENT BOOK

1st and Final Bill

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	1
Item Name:	KSRB 2-2.1 : Earthwork excavation by manual means in ordinary soil involving an average horizantal throw upto 2m and average lift up to 0.5 m, exavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specification. MORTH/chapter 3 page no 143/ item no 19.1, PWD SR 2018-19

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.10	6.00			
	30.00	36.00	1	6.00	2.00	2.00	2.00	0.10	1.20			
	Total Qty Work Done								7.20	Cum		
	Qty Payable in this bill								7.20	Cum	**230.71**	**1661.11**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ
ಬ.ಬ.ಪಾ.ಪ. ಬೆಂಗಳೂರು-106

Asst Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	2
Item Name:	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. Page No.27. Item No.5.30

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00					30.00			
	30.00	36.00	1	6.00					6.00			
									36.00	Rmt		
								Total Qty Work Done	80.00	Nos		
								Qty Payable in this bill	80.00	Nos	431.40	34512.00

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಜಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	3
Item Name:	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS 2.10.2

Premeasurement recorded on:

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS	Rate	Amount
	Land Mark			(m)	(m)	(m)	(m)	(m)				
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.10	6.00			
	30.00	36.00	1	6.00	2.00	2.00	2.00	0.10	1.20			
								Total Qty Work Done	7.20	Cum		
								Qty Payable in this bill	7.20	Cum	**2568.30**	**18491.76**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-೧೮

Asst.Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

	4	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 60mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS										
Measurement recorded on:												
	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00	2.00	2.00	2.00		60.00			
	30.00	36.00	1	6.00	2.00	2.00	2.00		12.00			
								Total Qty Work Done	**72.00**	**Sqm**		
								Qty Payable in this bill	**72.00**	**Sqm**	**1113.39**	**80164.08**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಲಯ ಬೃಹತ್ ಬೆಂಗಳೂರು
ಮ ಬ.ಎ.ಪಾ. ಬೆಂಗಳೂರು-೫೬

BRUHAT BANGALORE MAHANAGARA PALIKE

me of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

tm o:	5											
em me:	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.											
Measurement recorded on:												
NO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00				0.45	13.50			
	30.00	36.00	1	6.00				0.45	2.70			
								Total Qty Work Done	16.20	Sqm		
								Qty Payable in this bill	16.20	Sqm	39.86	645.73

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

e of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

	6	KSRB 15-19.2 : Providing and applying spray painting (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per										
easurement recorded on:												
	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00				0.45	13.50			
	30.00	36.00	1	6.00				0.45	2.70			
								Total Qty Work Done	**16.20**	**Sqm**		
								Qty Payable in this bill	**16.20**	**Sqm**	**91.57**	**1483.43**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-೫೯

Asst.Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 8

Item Name: Supply & fixing of Self Weighted Rower : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms.

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1						1.00			
								Total Qty Work Done	**1.00**	**Each**		
								Qty Payable in this bill	**1.00**	**Each**	**229425.00**	**229425.00**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ವಿಭಾಗ.
ಜ ಪ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

ne of Work : Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

m	9											
	Supply & fixing of Self Weighted Rower : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat and backrest is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 1390											

Measurement recorded on:

NO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1.00						1.00			
									Total Qty Work Done	**1.00**	**Each**	
									Qty Payable in this bill	**1.00**	**Each**	**164587.50**	**164587.50**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪನಗರ ವಿಭಾಗ.
ಆ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	11
Item Name:	Supply & fixing of Rider : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : 1 completely pre-assembled equipment modules. Maintenance : Maintain according to EN16630 and the maintenance guide. Size (L*W * H) 910 MM x 655 MM x 1210 MM . Capacity 1 person. Inclusive of All Taxes and Transportation Charges

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1						1.00			
	Total Qty Work Done								**1.00**	**Each**		
	Qty Payable in this bill								**1.00**	**Each**	**89775.00**	**89775.00**

15/05/2020

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೧೮

Asst.Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 12

Item Name: Supply & fixing of Bicycle : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. The seat is made from Rotomoulded LLDPE. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1						1.00			
	Total Qty Work Done								1.00	Each		
	Qty Payable in this bill								1.00	Each	124687.50	124687.50

15/05/2020

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ / Executive Engineer
ಜ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-೧೦೬

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	13	
Item Name:	Supply and fixing of twist stepper all tubuller steel of 2.5mm thickness are galvanised and zinc dipped joints are robotic welded . All welded joints are scalloped as necessary and welded to an approved MIG process all welds are dressed of removing all sharp edge sand burrs. zinc primer paint is applied at all the welding points prior to fixing all metal parts are powder coated usin AKZO nobel great wall powder to te thickness of 80-120 microns . all metal parts are tested in our salt spray machine that uses A 5% Na Cl solution in accordance to ISO 7227 to speed of the corrosion for 3000 hrs Rubber : HIgh qualitygrip rubber : 1 completly pre assembled equipment modulus maintances : maintain according to EN 16630 EN 16630 safety standard with GS test mark the EN 16630 cirtificates must be issued by a reputed notified international cirtifying agency such as IPEMA, TUVCPSC are SGS only. the GS marks EN16630 cirtificates must be	

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1						1.00			
	Total Qty Work Done								**1.00**	Each		
	Qty Payable in this bill								**1.00**	Each	**179550.00**	**179550**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

Asst.Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work : Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

14	Supply & fixing of Big Shoulder Wheel : All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out a minimum of 100 public park projects in India with EN16630-GS certified products either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory during technical bid. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Bearings : Maintenance-free ball bearings. Equipment which have sway and moving parts, must have built in limitors that prevent unwanted and ecesssive movement, which can cause injuries. The limitors must be in accordance with EN16630 safety norms. Scope of delivery : Lcompletely		

easurement recorded on:

CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS	Rate	Amount
Land Mark			(m)	(m)	(m)	(m)	(m)				
		1						1.00			
								1.00	Each		
Total Qty Work Done								1.00	Each	119700.00	119700.00
Qty Payable in this bill											

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಲಯ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-106

Asst. Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	15
Item Name:	Supply & fixing of HD Health Walker :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1						1.00			
	Total Qty Work Done								**1.00**	**Each**		
	Qty Payable in this bill								**1.00**	**Each**	**139650.00**	**139650.00**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಆಡಳಿತ ವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	17
Item Name:	Supply & fixing of Mini Ski :All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of a supplier who has carried out in excess of at least 50 public park projects in India either by themselves or through their dealers or contractors. These EN16630 & GS Mark certificates must be clearly displayed on the notified certifying bodies websites as online verification is mandatory. All products must clearly display the GS mark as has been issued in the EN16630 safety certificates. All Tubular steel of 2.5mm thickness are galvanized and zinc dipped. Joints are Robotic Welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges & burrs. Zinc Primer paint is applied at all the welding paints prior to finishing. All metal parts are powder coated using AKZO Nobel - Great Wall Powder to the thickness of 80 - 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCL solution in accordance to ISO7227 to speed up corrosion for 3000 hrs. Footplates made of alloys of Nylon having good thermal stability. Internal Limited means no

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1						1.00			
	Total Qty Work Done								**1.00**	**Each**		
	Qty Payable in this bill								**1.00**	**Each**	**159600.00**	**159600.00**

Asst Engineer

ಪಹಾಯಕ-ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-10೬

Asst.Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	19
Item Name:	KSRB 2-2.1 : Earthwork excavation by manual means in ordinary soil involving an average horizantal throw upto 2m and average lift up to 0.5 m, exavated surface levelled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specification. MORTH/chapter 3 page no 143/ item no 19.1, PWD SR 2018-19

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.10	6.00			
	30.00	36.00	1	6.00	2.00	2.00	2.00	0.10	1.20			
								Total Qty Work Done	7.20	Cum		
								Qty Payable in this bill	7.20	Cum	230.71	1661.11

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ / ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No:	**20**
Item Name:	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete. Page No 27 Item No 5.30

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00					30.00			
	30.00	36.00	1	6.00					6.00			
									36.00	Rmt		
									Total Qty Work Done	80.00	Nos	
									Qty Payable in this bill	80.00	Nos	431.40	34512.00

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಮಲ್ಲೇಶ್ವರಂ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No.03

Measurement Sheet

First and final Bill

Item No:	21
Item Name:	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS 2.10.2

Premeasurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00	2.00	2.00	2.00	0.60	36.00			
	30.00	36.00	1	6.00	2.00	2.00	2.00	0.60	7.20			
								Total Qty Work Done	43.20	Cum		
								Qty Payable in this bill	43.20	Cum	2568.30	110950.56

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-106

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

me of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

m No: **22**

Item lame: KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications.

Measurement recorded on:

LNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00				0.35	10.50			
	30.00	36.00	1	6.00				0.35	2.10			
								Total Qty Work Done	12.60	Sqm		
								Qty Payable in this bill	12.60	Sqm	39.86	502.24

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪ. ಬೆಂಗಳೂರು-೬೪

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

me of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

m o:	23										
m me:	KSRB 15-19.2 : Providing and applying spray painting (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per										
Measurement recorded on:											
NO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
	0.00	30.00	1	30.00				0.35	10.50			
	30.00	36.00	1	6.00				0.35	2.10			
								Total Qty Work Done	**12.60**	**Sqm**		
								Qty Payable in this bill	**12.60**	**Sqm**	**91.57**	**1153.78**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬ ಬ ಪ ಕ, ಬೆಂಗಳೂರು-106

Asst. Executive Engineer,

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 24

Item Name: Providing children play standard sea saw seater equipment : this equipment is made up of main beam 50mm MS pipe A class of length 98mtr with two handles welded at the ends of the hand are made of 20mm A class pipe . The main beam is pivoted to the bottom supports of 40mm MS pipes by bush bearing clamped by pivot joints which swivelover 28mm dia steel shaft which gets installed in the ground by means of concrete 2 Nos seats are made of 250mm x200mm x 18SWG MS sheets with T hand rest at the front air pipe are if ISI grade all the pipes are painted with two coats of super ste paint over a coat of protective zinc chromate yellow oxide including fixing the play equipmens in CC 1:2:4 curing etc., complete with all lead and lift loading unloading and any other incidental charges and as per the drawing and specification and direction

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1.00						1.00			
								Total Qty Work Done	**1.00**	**Each**		
								Qty Payable in this bill	**1.00**	**Each**	**27930.00**	**27930.00**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ/Asst Engineer
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work : Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

	25												
	Providing children play Merry -go- round equipment : Made of MS A class pipe main pillers in 100mm dia fitted with shaft and two bearing of other cross members are in 25&20 mm MS A class pipe in the bottom ring is made out of 25mm of ring size is 1.2mtr dia fitted with four seats are in mental sats if 250 x200 x18 SWG handles are made out of 20mm NB pies and other suppourt are in 25mm MS A class pipes all the pipes are painted with two coats of super ste paint over a coat of protective zinc chromate yellow oxide including fixing the play equipmens in CC 1:2:4 curing etc., complete with all lead and lift loading												
Measurement recorded on:													
	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS	Rate	Amount
	Land Mark			(m)	(m)	(m)	(m)	(m)				
			1.0						1.00			
	Total Qty Work Done								**1.00**	**Each**		
	Qty Payable in this bill								**1.00**	**Each**	**27930.00**	**27930.00**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಬಿಬಿಎಂಪಿ.
ಬ ಬ.ಎಂ.ಕ. ಬೆಂಗಳೂರು-106

Asst.Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work :Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

em lo:	26	
em me:	Providing children play 2-seater swing: this swing consist of 2 Nos, seat solid fiberd FP of size 480 x180 x3.5mm supported by MS chain are supported by circular housing with bearing from which of the chain is suspended . The main beam of 50mm MS A class pipe size of MS chain 33mm x20mm x 5mm thick the 2 nos inverted V beams are of 50mm A class pipe secured at the top the main beam by means of CI casting (heavy duty for helders) all pipes are of ISI grade all the pipes are painted with two coats of super ste paint over a coat of protective zinc chromate yellow oxide including fixing the play equipmens in	

easurement recorded on:

NO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1.00						1.00			
								Total Qty Work Done	**1.00**	**Each**		
								Qty Payable in this bill	**1.00**	**Each**	**45885.00**	**45885.00**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಕಾರಿ
ಯಲಹಂಕ ಉಪನಗರ ಮಹಾನಗರ ಪಾಲಿಕೆ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Asst.Executive Officer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 27

Item Name: Providing children play standard swing: this swing consist of 2 Nos, seat solid fiberd FP of size 480 x180 x3.5mm supported by MS chain are supported by circular housing with bearing from which of the chain is suspended . The main beam of 50mm MS A class pipe size of MS chain 33mm x20mm x 5mm thick the 2 nos inverted V beams are of 50mm A class pipe secured at the top the main beam by means of CI casting (heavy duty for helders) all pipes are of ISI grade all the pipes are painted with two coats of super ste paint over a coat of protective zinc chromate yellow oxide including fixing the play equipmens in

Measurement recorded on:

SLNO	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
		1.00						1.00			
							Total Qty Work Done	**1.00**	**Each**		
							Qty Payable in this bill	**1.00**	**Each**	**55860.00**	**55860.00**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

Assistant Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work :Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 28

Item Name: Duck Wheel

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1.00						1.00			
								Total Qty Work Done	1.00	Each		
								Qty Payable in this bill	1.00	Each	67830.00	67830.00

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Providing GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 29

Item Name: Duck Swing (2 seater)

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1.00						1.00			
								Total Qty Work Done	**1.00**	**Each**		
								Qty Payable in this bill	**1.00**	**Each**	**55860.00**	**55860.00**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬ.ಬ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 30

Item Name: FRP Mini Slide

Measurement recorded on:

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			1.00						1.00			
								Total Qty Work Done	**1.00**	**Each**		
								Qty Payable in this bill	**1.00**	**Each**	**22942.50**	**22942.50**

Asst Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ ಕಛೇರಿ ಉಪವಿಭಾಗ,
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-106

Asst Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of WorkProviding GYM Equipment at DEO marvels in Ward No:03

Measurement Sheet

First and final Bill

Item No: 31

Item Name: Mini Slide

Measurement recorded on:

SL NO	CHAINAGE Land Mark		NO	L (m)	B (m)	BI (m)	Avg B (m)	D (m)	QTY	REMARKS	Rate	Amount
			2.00						2.00			
								Total Qty Work Done	**2.00**	**Each**		
								Qty Payable in this bill	**2.00**	**Each**	**15960.00**	**31920.00**

Net amount	**2661782.81**
Add 12% GST	**319413.94**
Grand total Amount	**2981196.75**

C & FC

Asst Engineer

2/11/2019.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ ಆಯುಕ್ತರ ಕಛೇರಿ
ಬ.ಬ.ಮ.ಪ. ಬೆಂಗಳೂರು-106

2/11/2019